

BINGLEY URBAN DISTRICT COUNCIL.

REPORTS OF THE
MEDICAL OFFICER OF HEALTH,
AND SANITARY INSPECTORS.

For the Year ending December 31st, 1905.

BINGLEY URBAN DISTRICT COUNCIL.

REPORT OF THE BUILDING AND SANITARY INSPECTOR,

For the year ending 31st December, 1905.

To the Urban District Council of Bingley.

MR. CHAIRMAN AND GENTLEMEN,

I beg to submit for your consideration my Report of the Sanitary Works executed under your authority during the year ended 31st December, 1905.

Building Plans, New Buildings and Drainage.—67 building plans have been approved of, and 4 disapproved of. 1896 visits to buildings and drainage in the course of construction have been made. 30 dwelling houses, 13 alterations and additions to dwelling houses, new Craven Bank, Main Street, Bingley, stables for the Co-operative Society, additions to a warehouse in York Street, mistal at Greenhill, new slaughterhouse at Cullingworth, additions to Albion Mill, Wilsden, mistal at Cullingworth, and 13 temporary wood buildings have been constructed.

Main Sewers supervised.—50 yards in Bromley Road, 449 yards in Myrtle Park, 135 yards in Church Street, 297 yards in Bellman Row, under the New Road and the railway, and 963 yards from Cottingley to Cottingley Bridge. Total number of yards lineal, 1894. There were 30 manholes constructed, and 128 drains connected up to Main Sewers. There are at present 4 dwelling houses, a Grammar School, a Spinning Shed, a Warehouse, a new school in Myrtle Park, and a few alterations and additions in course of erection within your district.

Abatement of Nuisances.—7 complaints have been received, 901 houses and premises inspected, 3 formal notices, and 34 preliminary served. 88 preliminary notices have been complied with. (These numbers include outstanding notices of 1904.

Nuisances dealt with.—47 house drains have been tested by request of the occupiers ; 39 were found to be defective, and 8 were satisfactory ; 102 house drains have been repaired and trapped ; 26 waste pipes disconnected ; 22 privies and ashpits repaired ; 9 privies altered to water closets, and flushed with water from the mains ; 6 house drains beneath basements have been relaid and surrounded with concrete, trapped and disconnected ; 9 house drains beneath cellar floors have been removed and relaid outside, trapped and disconnected ; 11 disconnecting chambers provided ; 2 soil pipes found inside houses have been removed, fixed outside, and ventilated above the roof. In three cases eaves-spouts have been provided and fixed to houses and premises abutting upon the highways. 18 water-closets, 21 slop-water-closets, 6 earth closets, 23 dry ash-pits and 2 dry ash-tubs have been provided in connection with new buildings.

Supervision of Streets and Drains.—In all cases where new drains are constructed, or old ones reconstructed, the drains are inspected, and in nearly all instances the pipes are covered up in my presence. This takes up a great deal of time, but it ensures the work being carried out in a proper manner. Improvements have been carried out with respect to some streets during the past year. I beg most respectfully to point out others that would do with some attention, namely :—Greenhill Street, Cross Lane, King's Head Yard, Back Unity Street North, Busfield Street, Back Mitchell Terrace, Back Myrtle Avenue, Back Gladstone Street, and others that are kept in bad repair, in the outlying parts of the district.

Smoke Observations.—15 observation have been made.

Description and Situation of Works.	No. of Observations taken for a period of 60 minutes.	Average No. of Minutes dense and moderate smoke emitted per hour.	
		Dense.	Moderate.
Bingley Brewery	3	1	10
Britannia Mills, Bingley	2	9	10½
Cottingley Mills, Bingley	3	4½	8½
Ebor Mill, Bingley	1	none	2
Lilycroft Mill, Bingley... ..	1	10	6
Paper Mill, Bingley	1	6	7
Victoria Mills, Bingley	4	7½	5

Slaughter-houses.—There are 19 registered slaughter-houses. 409 visits have been made, and the bye-laws relating to cleansing, removal of blood, garbage, &c., as far as practicable have been strictly enforced. My attention has been called in several cases where disease in animals has been suspected when slaughtering. Two tuberculous cows were found, and in each case tuberculous lesions were confined to the lungs and the thoracic lymphatic glands; these parts were destroyed. Two carcasses of pork, together with all offal belonging thereto were destroyed, as unfit for human food. It has not been found necessary to take any action in regard to carcasses unfit for human food, as the butchers were willing to surrender. There was one prosecution for using an unlicensed quarry as a knacker's yard. A fine of £5 and costs was imposed.

Cow-sheds, Dairies and Milk-shops.—There are 58 cow-keepers entered in the report book, and 9 purveyors of milk. 91 inspections have been made to cowsheds, dairies, and purveyors' premises. The following list shows the number of farmsteads, the number of cowsheds thereon, the number of cows kept, cubic feet of air space per cow, the amount of space required by the Council's Regulations being at least 400 cubic feet, for every head of cattle in such cowshed.

Number of Farmsteads.	Number of Cowsheds.	Number of Cows kept.	Cubic space per Cow.
58	1	35	900 cubic feet
	4	54	700 „ „ or more.
	9	107	600 „ „ to 700
	12	67	500 „ „ to 600
	56	389	400 „ „ to 500
	11	85	306 „ „ to 400
	6	28	273 „ „ to 295
Totals 58	99	770	

Through my inspection, since May, 1899, improvements have been made at 20 of the above-named farmsteads. At eight of the farms there were 14 Cowsheds practically reconstructed, including air space, new floors, lighting, ventilation and drainage, at 6 farms the drainage was reconstructed, at 5 farms the floors and drainage were reconstructed, and light provided, and at 1 farm a water supply was provided. There are at least 17 farms that require some attention at present with respect to air space, floors, lighting, ventilation and drainage.

Offensive Trades.—There are 4 persons engaged in offensive trades—2 tripe boilers, 1 gut scraper, and 1 fellmonger. 51 inspections have been made, one notice with respect to cleansing and limewashing was attended to at once.

Lodging Houses.—There is one lodging house registered. Five inspections have been made

Workshops.—There are 123 workshops registered, of these 38 are in the Wilsden Ward, 16 in the Cullingworth Ward, and 69 in the five other Wards. 69 visits have been made by me to workshops. The above number includes 32 bakehouses, 11 tailors, 15 dressmakers and milliners, 23 shoemakers, cloggers and saddlers, 7 plumbers and tinnerns, 10 joiners and polishers, 4 blacksmiths, 3 tanners and 1 fellmonger, and 18 miscellaneous trades. Attention has been paid to cleanliness, sanitary conveniences, and drainage.

Infectious Diseases and Disinfection.—During the past year 54 cases have been notified to me, 126 visits have been made to houses in which infectious diseases have occurred, and 50 houses have been disinfected. Each case was reported to the Education Department. There were 18 cases of Scarlet Fever in Bingley, 1 at Eldwick, 4 at Crossflatts, and 2 at Harden. Of these 16 cases were removed to the Infectious Diseases Hospital, and 9 nursed at home. There have been 2 cases of Typhoid Fever, one in Bingley and one at Crossflatts. One case was removed to the hospital and the other nursed at home. There were 20 cases of Diphtheria in Bingley, and 6 at Crossflatts, of these 19 cases were removed to the hospital and the other 7 nursed at home. One death occurred. One case of Small Pox at Mickelthwaite was removed to the hospital. Five dwelling-houses have been disinfected where death occurred from tuberculosis. Wherever a Public Library book has been found at the house where infectious disease has occurred, it has been disinfected and returned to the Librarian.

Canal Boats.—In accordance with the provisions of Section 3 of the Canal Boats Act, 1884, the following is a report of my inspections of Canal Boats on that part of the Leeds and Liverpool Canal which is within the limits of the said district, namely a length of about two and a half miles. No remuneration has been allowed for the inspection of Canal Boats other than my Salary as Sanitary Inspector.

38 visits have been made by me for this purpose during the above period, and 55 boats inspected, 108 men were on board. In 15 cases there were women on board, but of these 12 were the wives of the Captains, 1 a Captain's daughter, and 2 wives of Captain's mates. In 4 of the boats I found children, numbering in all 4, of these 1 was over 5 years of age, the reason of this was the school holidays.

With respect to infringements.

- (a) All the Boats were registered.
- (b) 4 notifications of change of masters received.
- (c) Each of the boats possessed a certificate.
- (d) The boats were all numbered or named.
- (e) There was no overcrowding.
- (f) No separation of the sexes required, (see paragraph No. 2.)
- (g) Cleanliness well attended to.
- (h) Ventilation sufficient.
- (i) The boats were in good condition with respect to painting and repairs.
- (j) Each boat was provided with a water cask.
- (k) In each case the bilge water was removed as required.
- (l) No notification of infectious disease.
- (m) No objections to admittance of Inspector.

It has not been found necessary to take legal proceedings with respect to infringements. No steps were required to be taken to secure compliance with the Acts and Regulations as regards such infringements.

No cases of infectious disease.

Visits to outlying parts of the district.—98 visits to Cottingley, 50 to Crossflatts and Micklethwaite, 16 to Cullingworth, 34 to Eldwick, 1 to Faweather, 35 to Harden, 13 to Wilsden have been made.

Nightsoil, Dry Ashes, and Rubbish Removal.—There have been 4219 loads removed at Bingley; 474 at Crossflatts and Micklethwaite; 146 at Eldwick; 225 at Harden; 264 at Cottingley; making a total of 5318 loads. The above number of loads have been collected from 340 pail closets, 1325 midden closets, with 224 open middens, and 445 covered middens; 250 ash tubs, 650 dry ash places and the weekly collections of rubbish.

The following list may be of interest to the Council, showing the number of loads of Nightsoil, Dry Ashes, and Rubbish removed during the last 6 years, the actual expenditure of the Building and Sanitary Committee, the number of receptacles in use in 1900 and the number in use in 1905.

Year.	No. of Loads removed during the year.	Actual Expense.	Pail Closets.	Midden Closets.	Open Middens.	Covered Middens.	Dry Tub.	Dry Ash Places.
		£ s. d.						
1900	5674	1239 2 2 $\frac{1}{4}$	343	1440	238	467	216	302
1901	5462	1090 3 9 $\frac{1}{2}$						
1902	5441	1038 6 0 $\frac{1}{2}$						
1903	5492	1138 13 9 $\frac{1}{2}$						
1904	5562	1039 18 10						
1905	5318	968 12 4 $\frac{1}{2}$	335	1325	224	455	250	650

House to house inspections.—During the last 6 years I have inspected the following dwelling houses; 94 villas, 1795 through houses, 1870 back to back houses, 517 houses having baths, 909 having water closets, and 737 slop-water closets, the other receptacles are given in the previous list.

Results of Inspection.—There have been 657 house drains repaired, trapped and disconnected, 18 pail closets, 146 midden closets, 14 open middens and 41 covered middens have been done away with. New sanitary conveniences provided in connection with old property, 180 water closets, 58 slop-water closets, 10 pail closets, 11 dry ash tubs, and 58 dry ash places, and for new buildings, 31 midden closets, 29 covered middens, 23 dry ash tubs, and 290 dry ashes places have been provided.

This report includes the whole of the district for new buildings, and building plans. For sanitary work:—The Central Ward, North Ward, South Ward, East Ward, and West Ward. (Cullingworth and Wilsden Wards excluded.)

I remain Gentlemen,

Your obedient Servant,

THOMAS POTTER,

Building and Sanitary Inspector.

ANNUAL REPORT SANITARY WORK,

WILSDEN & CULLINGWORTH WARDS.

BINGLEY DISTRICT COUNCIL.

FOR THE YEAR 1905.

141 Inspections of Houses and Premises.

30 Inspections of Workshops.

220 Inspections of Cow Sheds and Dairies.

80 Inspections of Slaughter-houses.

12 Nuisances Reported.

9 Nuisances Abated.

14 House Drains repaired and trapped.

9 Connections to Sewers.

15 Sink Waste Pipes trapped and disconnected.

6 Privies and Ashpits reconstructed.

9 Water Closets put in (flushed with Town's water.)

14 Tippler Closets put in (flushed with waste water.)

Night Soil Removal.

1140 Loads from Cullingworth and District.

1110 Loads from Wilsden.

Infectious Diseases.

1 Smallpox removed to Hospital.

1 Enteric Fever removed to Hospital.

2 Scarlet Fever removed to Hospital.

THOMAS W. CRAGG,

SANITARY INSPECTOR.

Table IV.—Causes of, and Ages at, Death during Year 1905.

CAUSES OF DEATH.			Deaths at the subjoined ages of 'Residents' whether occurring in or beyond the District.								Deaths at all ages of 'Residents' belonging to Localities, whether occurring in or beyond the District.						Total Deaths whether of Residents or Non-Residents in Public Institutions in the District. 16																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			All Ages	Under 1 Year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Central	South	West	North	East	Cullingworth	Wilsden																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Table V.—Infantile Mortality during the year 1905.
Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under One Year.
ALL CAUSES.																	
Certified	15	1	2	2	20	5	4	.	4		1	2		3	1		40
Uncertified	2			1	3		1										4
Whooping Cough														1			1
Enteritis, (not Tuberculous)												1					1
Gastritis, Gastro-intestinal Catarrh									1								1
Premature Birth	4		1		5	1											6
Congenital Defects	12	1		1	14	1	1										16
Atrophy, Debility, Marasmus			1		1	2	1							1			5
Other Tuberculous Diseases														1			1
Erysipelas				1	1												1
Convulsions	1			1	2		1		1		1				1		6
Bronchitis						1	1		2								4
Other Causes							1					1					2
	17	1	2	3	23	5	5		4		1	2		3	1		44

Births in the Year	{ Legitimate	...	Deaths from all causes at all ages	...
	{ Illegitimate	...	Population estimated at middle of 1905	...
			895.	289.
			21.	18,900.